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1615

PATENT

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Trudi Thompson

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Applicant: **Flynn et al.**
Serial No.: **09/787,810**
Filed: **03/21/01**
Title: **MICRONIZED PHARMACEUTICAL COMPOSITIONS**
Examiner: **R. Bennett**
Group Art Unit: **1615**
Atty Docket No.: **21025-11**

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JUL 25 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated April 16, 2002, applicants respond as follows:

In the specification:

[0002] The present application relates to improvements in or relating to pharmaceutical compositions comprising micronized colistin sulphomethate sodium.

[0016] It has now been discovered that micronized colistin sulphomethate sodium can be administered to the airways of a patient using a powder dose inhalation device. The micronized colistin may be used alone or with a carrier, such as lactose.

[0017] According to the present invention, there is firstly provided the use of micronized colistin sulphomethate sodium in a method of treatment of the human body, particularly in the treatment of bacterial infections of the pulmonary system, most particularly in the treatment of secondary infections in patients suffering from cystic fibrosis, by powder inhalation.

[0018] According to a further aspect of the present application, there is provided a pharmaceutical composition comprising micronized colistin sulphomethate sodium and a carrier, in the absence of free liquid.

[0019] According to a yet further aspect of the present invention, there is provided a pharmaceutical dosage form suitable for use with a dry powder inhaler comprising

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